

DESIGNER NOTES

LENGTH OF A1BARS SHALL BE \geq TO WING LENGTH.

WING WITH PILE & WING WITHOUT PILE CAN BE USED FOR EITHER SIDEWALK OR SLOPED FACE PARAPETS. THE TYPE OF WING TO USE IS BASED ONLY ON THE WING HEIGHT AND WING LENGTH LIMITATIONS SHOWN.

LAP LENGTH FOR HORIZONTAL BARS SHALL BE BASED ON A "CLASS C" TOP TENSION LAP SPLICE.

ALL WING BARS SHALL BE EPOXY COATED.

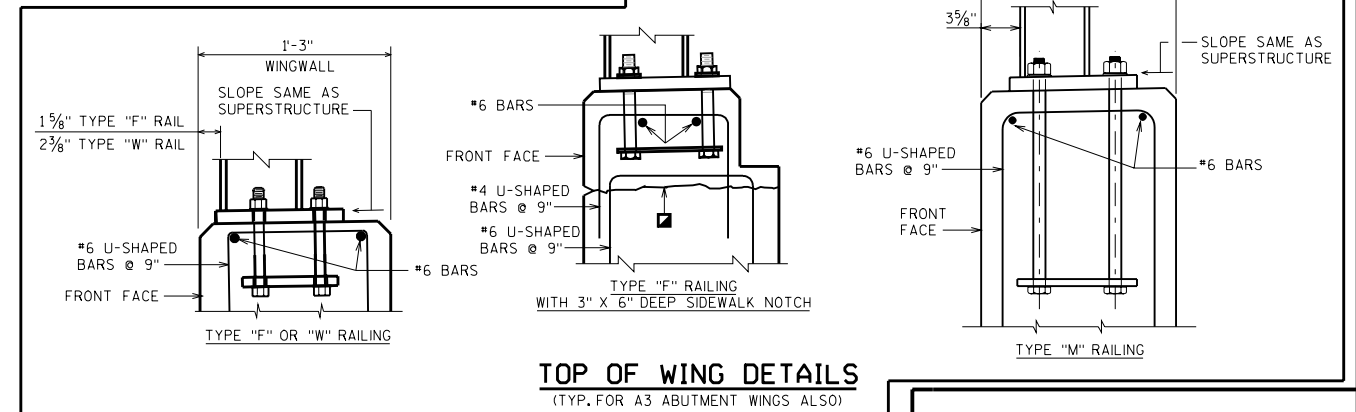
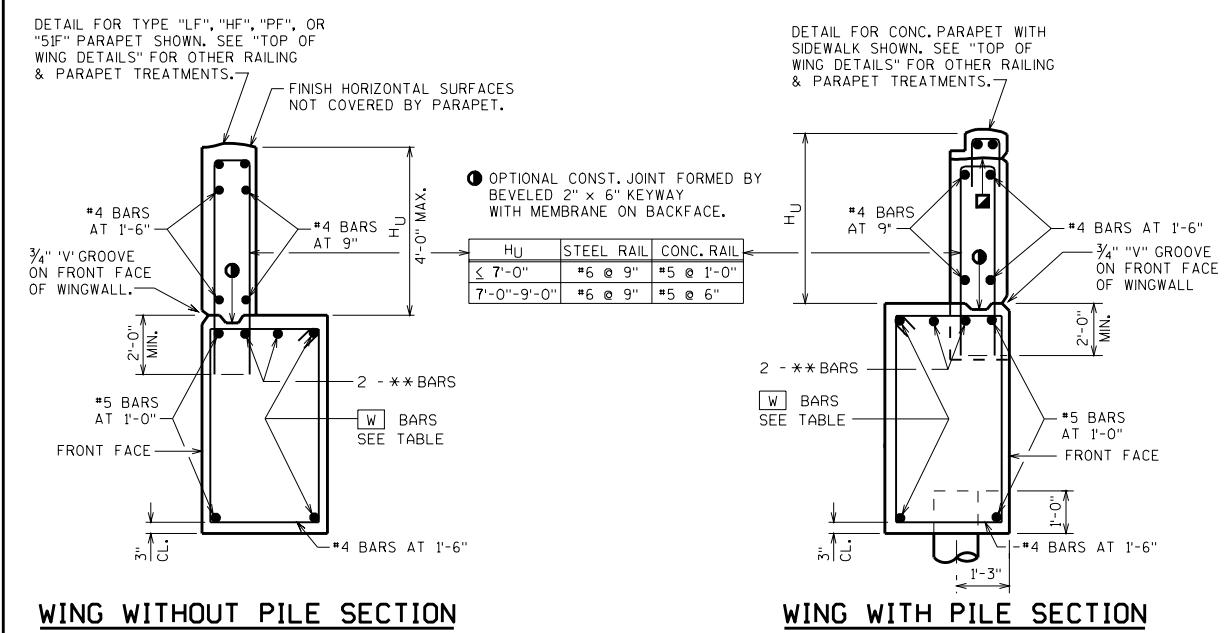
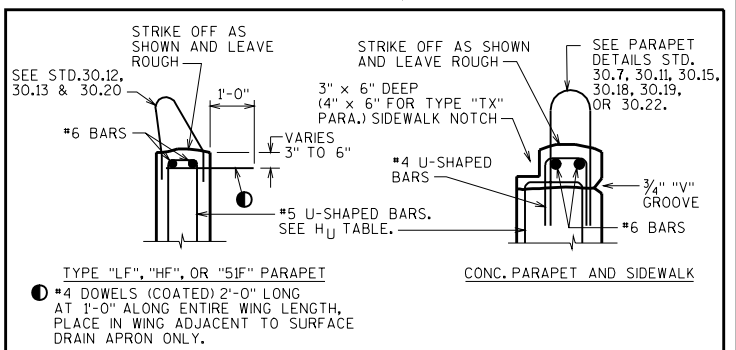
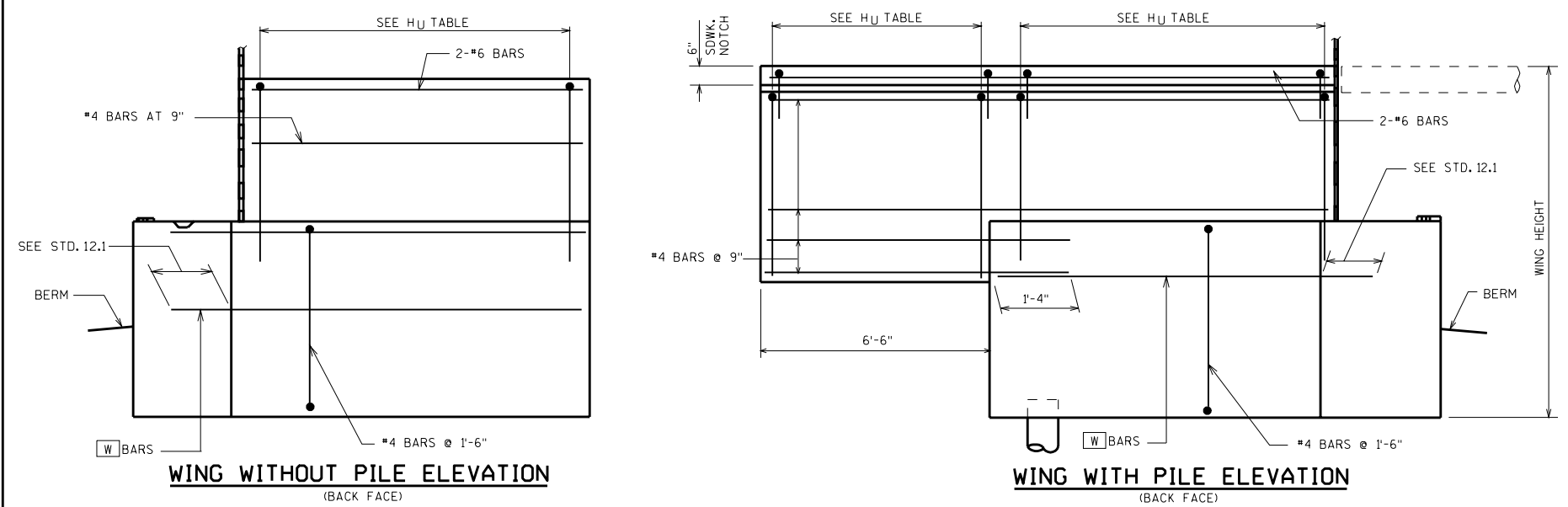
WHEN TYPE "F", "W" OR "M" RAILING IS USED, LOCATE NAME PLATE ON FIRST RIGHT WING TRAVELING UP STATION.

SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

DESIGN LOADS

LIVE LOAD = 2'-0" SURCHARGE
LOAD FACTOR = 1.3 (5/3 LL+5/3E)
f_y = 60,000 P.S.I.
f'_c = 3,500 P.S.I.
HORIZONTAL EARTH LOAD = 33#/SQ. FT. EQUIV. FLUID PRESSURE

WING LENGTH	WING HEIGHT				BARS
	8'-6"	10'-0"	11'-6"	13'-0"	
10'-0"	*5-#7 *7-#8	*5-#7 *7-#8	5-#5 6-#5		W A1
	*5-#7 *7-#8	*5-#7 *7-#8	6-#5 6-#7	5-#6 7-#7	W A1
12'-0"	6-#6 5-#8	5-#7 6-#8	6-#7 7-#8	5-#8 8-#8	W A1
	6-#7 6-#9	7-#7 7-#9	7-#8 7-#10	6-#9 8-#10	W A1



** BARS TO BE SAME SIZE AS "W" BARS.

CONSTRUCTION JOINT, LEAVE ROUGH. REQUIRED FOR PRESTRESSED CONCRETE SUPERSTRUCTURES. OPTIONAL FOR OTHERS. POUR CONCRETE ABOVE THIS JOINT AFTER DECK IS IN PLACE.

ABUTMENT TYPE A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DEVELOPMENT SECTION

APPROVED: Stanley W. Woods

DATE: 7-04